

We claim:

1. A tent enclosure for protection against biological and chemical airborne agents and nuclear fallout, comprising:

a collapsible frame; and

5 a flexible and foldable sheet material that is supported by the frame, the sheet material impervious to biological and chemical airborne agents, wherein the frame and sheet material form the enclosure that seals occupants from the biological and chemical airborne agents and nuclear fallout.

10 2. The enclosure of claim 2, wherein the frame includes:

two bendable poles arranged in a cross-configuration to one another, wherein the poles are fit within sleeve portions on the sheet material.

3. The enclosure of claim 3, wherein each of the poles includes: telescoping rods.

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4. The enclosure of claim 1, wherein the sheet material includes:

multi-layers completely impervious to biological and chemical and radioactive particles.

20 5. The enclosure of claim 1, wherein the multi-layer sheet material includes:

a dome shaped walls attached to a floor portion, which forms a sealed enclosure.

6. The enclosure of claim 1, further comprising:

a multi-stage air filter that cleans contaminated air entering into the enclosure.

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7. The enclosure of claim 6, further comprising:

a blower for passing external air through the multi-stage air filter into the enclosure and for providing positive pressure into the enclosure.

8. The enclosure of claim 7, further comprising:

5 a release valve attached to the enclosure for venting excess air pressure from the enclosure.

9. The enclosure of claim 6, wherein the multi-stage air filter further includes:  
a filter that filters out particles of at least approximately 0.3 microns in size.

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10. The enclosure of claim 1, further comprising:

an assembled size of at least approximately six feet by approximately nine feet wide by approximately seven feet high in order to hold at least two occupants.

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11. The enclosure of claim 1, further comprising:

a watertight and airtight zipper fastener along an opening on at least one outer wall of the enclosure, the zipper for opening and sealing the enclosure.

12. A method of assembling a sealable enclosure that prevent chemical and biological 20 agents and radioactive particles from entering the enclosure, comprising the steps of:

providing a folded enclosure having a floor portion, wall and roof portions that are formed from flexible material that is impervious to chemical, biological and radioactive gasses and particles;

25 expanding the folded enclosure outward into a sealed unit, wherein occupants of the enclosure are protected from chemical, biological and radioactive effects.

13. The method of claim 12, wherein the expanding step further includes the step of:

expanding the folded enclosure into an assembled state within less than approximately five minutes.

14. The method of claim 12, wherein the providing step further includes the step of:

5 providing the wall, the roof and floor portion with layers of material that is completely impervious biological, chemical and radioactive agents.

15. The method of claim 12, further comprising the step of:

providing a blower fan to expand the folded enclosure into the assembled state.

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16. The method of claim 12, wherein the providing step further includes the step of:

providing the enclosure with dimensions large enough for at least two occupants.

17. The method of claim 12, further comprising the steps of:

15 filtering incoming air into the enclosure with a multi-stage filtering system.

18. The method of claim 12, wherein the filtering system includes the step of:

removing particles greater than approximately 0.3 microns from entering the enclosure.

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19. The method of claim 12, wherein the expanding step includes the step of:

sliding two bendable poles into sleeves on the enclosure, so that the poles have a cross configuration to one another.

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